Addressing the Digital Divide

February 22, 2021

WELCOME AND INTRODUCTIONS

Bill Hoffman
FPN Consultant & Moderator
BEFORE WE BEGIN

Don’t worry, you’re muted!
✓ All attendees are muted for the webinar; no need for a microphone.

Have a question?
✓ Submit questions at any time using the question function in your counsel. There will be time to respond to questions.

Missed a slide?
✓ This webinar is being recorded; the recording and slides will be made available to all registrants.

WELCOME AND CFEF PRIORITIES

Mary Chance, President
Consortium of Florida Education Foundations

Our mission is to work with our members and partners to connect individuals, organizations and financial resources, building the capacity and effectiveness of local education foundations.

educationfoundationsfl.org
COVID-19 AND DISTANCE LEARNING SUPPORT

WELCOME AND FPN PRIORITIES

Ashley Dietz, President & CEO
Florida Philanthropic Network

Mission:
Building Philanthropy for a Better Florida

fpnetwork.org
GOALS OF THE WEBINAR

Frame digital divide issue; a research-based approach
1. Accessibility
2. Devices
3. Training/Support

Share collaborative based regional solutions
- Palm Beach
- Hillsborough
- St. Lucie

Answer your questions
WHO WE HAVE

- Currently invest in digital equity work
- Administer programs around digital equity
- Determining how to work in digital equity
- Interested in learning more at this point
TPF Strengthens People, Organizations, and Communities in ways that foster wide participation.

- Charlotte
- DeSoto
- Manatee
- Sarasota

Why Digital Access for All?

@ThePattersonFdn  #DigitalAccessForAll
Exploration

Learning Who Cares? Who’s doing What?

• National and state organizations
• Four-county leaders in schools, libraries, county, economic development, non-profits
• Ready to share what we’ve learned and gain more insights from you

The Three Essential Elements of Digital Access

[Diagram showing Connectivity, Skills/Support, Devices]
Connectivity

- Availability
- Affordability
- Reliability
- Speed

Devices

- Capability
- Affordability
- Accessibility
Skills & Support

- Digital Literacy
- Skills-Building
- Ongoing Support

The Local Landscape

- Providers & Costs
- Discount Programs
- Rural vs Urban Challenges
- Bright Spots
The Local Landscape - Connectivity

- Availability of high-speed internet (100+ mbps)*
- % of overall households with high-speed internet subscription (25+ mbps)**
- % of AJICE households with high-speed internet subscription (25+ mbps)**

* Source: Broadband Now
** Source: FCC Data

Sharing Our Findings & Next Steps

- Webversations
- Newsletters
- Resource Packet PDF (you will receive after the session)
- NEW resource page
- Supporting collaborations
DIGITAL EQUITY
IN PALM BEACH COUNTY'S UNDERINVESTED COMMUNITIES
FEBRUARY 2021

40 PARTNERS
Palm Beach County

Palm Beach County School District

Palm Beach County Department of Engineering

Local Business Associations

Private Sector

Nonprofit/Community Based Partners
PHILANTHROPIC PARTNERS

Quantum Foundation
Education Foundation of Palm Beach County
Community Foundation for Palm Beach/Martin
United Way of Palm Beach County
Mary and Robert Pew Public Education Fund
Town of Palm Beach United Way
Children’s Services Council of Palm Beach County
Lost Tree Foundation
The Fredrick A. DeLuca Foundation
Bank of America

FUNDING OVERVIEW FOR ENTIRE PROJECT

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount committed as of 9/1/2020</th>
</tr>
</thead>
<tbody>
<tr>
<td>Palm Beach County funding for poles, fiber, and radios</td>
<td>$20,027,089</td>
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<tr>
<td>Palm Beach School District for devices, hotspots, and sponsored internet subscriptions</td>
<td>$45,100,000</td>
</tr>
<tr>
<td>Philanthropy for computers, Wi-Fi hot spots, and sponsored internet subscriptions</td>
<td>$1,027,722</td>
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<tr>
<td>Philanthropy for the Community Technology Navigator pilot</td>
<td>$500,000</td>
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<tr>
<td>Community and business partners for summer virtual tutoring</td>
<td>$50,000</td>
</tr>
<tr>
<td>Business for infrastructure, services, and hardware for free and/or reduced cost</td>
<td>In-kind</td>
</tr>
</tbody>
</table>
QUANTUM FOUNDATION FUNDING

Community Technology Navigators

- Culturally competent community navigators working full-time in target geography to provide technical support, case management, and trainings for families and households to ensure successful implementation and improvement for residents’ lives
  - Provide support for interventions and programs
  - Provide technology trainings to parents, students, and individuals in community facilities
  - Provide IT support to newly connected families and monitor student/family usage and provide intervention as needed

Evaluation of Project
Support for an external evaluator, Dr. Shelley Robertson, to capture lessons learned and also develop long-term evaluation metrics and framework.

EXAMPLE MAP OF DISCONNECTED HOUSEHOLDS
RESULTS TO DATE

Over $60 million in funding leveraged

73,000 Chromebooks distributed

80 District Schools hosting ‘root radios’

Obtained over 10,000 Wi-Fi extenders

Network of partners focused on digital equity

FUTURE CHALLENGES

Maintaining focus as pandemic continues

Schools open, focus now on vaccination efforts

Local ‘hurdles’

Continued communication to residents

Continued funding
Hillsborough County Digital Equity Initiative

Kim Jowell
CEO

Maria Negron
Director of Programs

March 2020

- Lack of public internet access
- Keep Americans Connected Pledge
- Digital Equity Team find solutions
- Technology availability and expense
- Quantifying the needs for donors
Early Learnings

Access to a device and broadband internet were just part of the solution.

SUPPORT AND EDUCATION ON USING THE EQUIPMENT WERE NECESSARY COMPONENTS

Children’s Board of Hillsborough County Funder perspective

- Children’s Board of Hillsborough County overview
- Anecdotal Need for E-Learning Technology Support
- Collaboration with School District
- Funding Release Intent
- Funding Award to Hillsborough Education Foundation
eLearning Coaches

- In home visit – needs assessment and equipment set up
- Individual coaching, written resources, and other resources for successful e-learning experience
- Live virtual learning sessions offerings

Outcomes for Children’s Board Funding

- Children have increased access to technology for e-learning
- At least 85% of a minimum of 280 parents/caregivers are involved with their child’s development, education, and/or school.
- Children have increased technology specific knowledge that supports their academic development.
- At least 85% of a minimum of 380 children have increased concrete supports
Stanford University’s Center of Research on Education Outcomes (CREDO) report on learning loss estimates students lost:
- between 57 to 183 days of learning in Reading
- between 136 to 232 days of learning in Math.

 McKinsey & Co article COVID-19 and student learning the US: The hurt could last a lifetime
- 3 scenarios and estimated impact of GDP loss
Contact Information

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The Digital Divide

Mission: We, Allegany Franciscan Ministries and Trinity Health, serve together in the spirit of the Gospel as a compassionate and transforming healing presence in communities served.
Core values: reverence, commitment to those who are poor, safety, justice, stewardship and integrity.
What is a Smart Neighborhood?

A Smart Neighborhood uses information and communication technologies to increase operational efficiency, share information with the public and improve both the quality of government services and citizen welfare. It builds a sense of connectivity and security with an increased desire to live and work within the neighborhood.

“High-speed internet access is essential to connect Americans to opportunity in the 21st century, but many Americans of modest means remain on the wrong side of the digital divide...”

-Rei R. Onishi, HUD Senior Policy Advisor
Lincoln Park Smart Neighborhood
Priority: Build Community Infrastructure and Capacity

Project Cost Summary
<table>
<thead>
<tr>
<th>Project Cost Summary</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Phases 1 &amp; 2</td>
<td>$301,334</td>
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<tr>
<td>Phases 3-6</td>
<td>$1,250,000</td>
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</tbody>
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Funding Commitments
- FPUAnet: $301,334 for Phases 1 & 2
- FPUSA: $600,000

Following completion of Phase 3:
- **Common Good Initiative:** $400,000
- **City of Fort Pierce:** $200,000
- **St. Lucie County:** $50,000

### Project Phase Details

<table>
<thead>
<tr>
<th>Project Phase</th>
<th>When</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Phase 1: Engineering Design Contract</td>
<td>Complete</td>
<td>$86,334</td>
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<tr>
<td>Phase 2: Network Infrastructure Upgrade</td>
<td>Jan 2021</td>
<td>$215,000</td>
</tr>
<tr>
<td>Phase 3: Design &amp; Permit of Fiber Infrastructure</td>
<td>Feb 2021</td>
<td>$111,000</td>
</tr>
<tr>
<td>Phase 4: Construction of 80% of Fiber Infrastructure</td>
<td>Aug 2022</td>
<td>$944,000</td>
</tr>
<tr>
<td>Phase 5: Free Public Wi-Fi at 2 Sites</td>
<td>Aug 2021</td>
<td>$45,000</td>
</tr>
<tr>
<td>Phase 6: Provide Subsidized Rate</td>
<td>Aug 2022</td>
<td>$150,000</td>
</tr>
<tr>
<td>Project Completion: August 2022</td>
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Community Flyer

Community Impact

• Fiber to The Home (FTTH) 30 year infrastructure
• Provide Symmetrical Broadband speeds up to 1Gbps
• Offer Free Public Wi-Fi
• Position Lincoln Park to be Smart Neighborhood Ready
• Help encourage redevelopment of Business Corridors
• Provide Broadband rates at or below Incumbent Retail Market Rate for all Subscribers
REPLAY, SLIDES AND MORE

Educationfoundationsfl.org
HOW IS COVID-RELATED DISRUPTION LEADING TO EDUCATION INNOVATION?

CONTACT INFORMATION

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